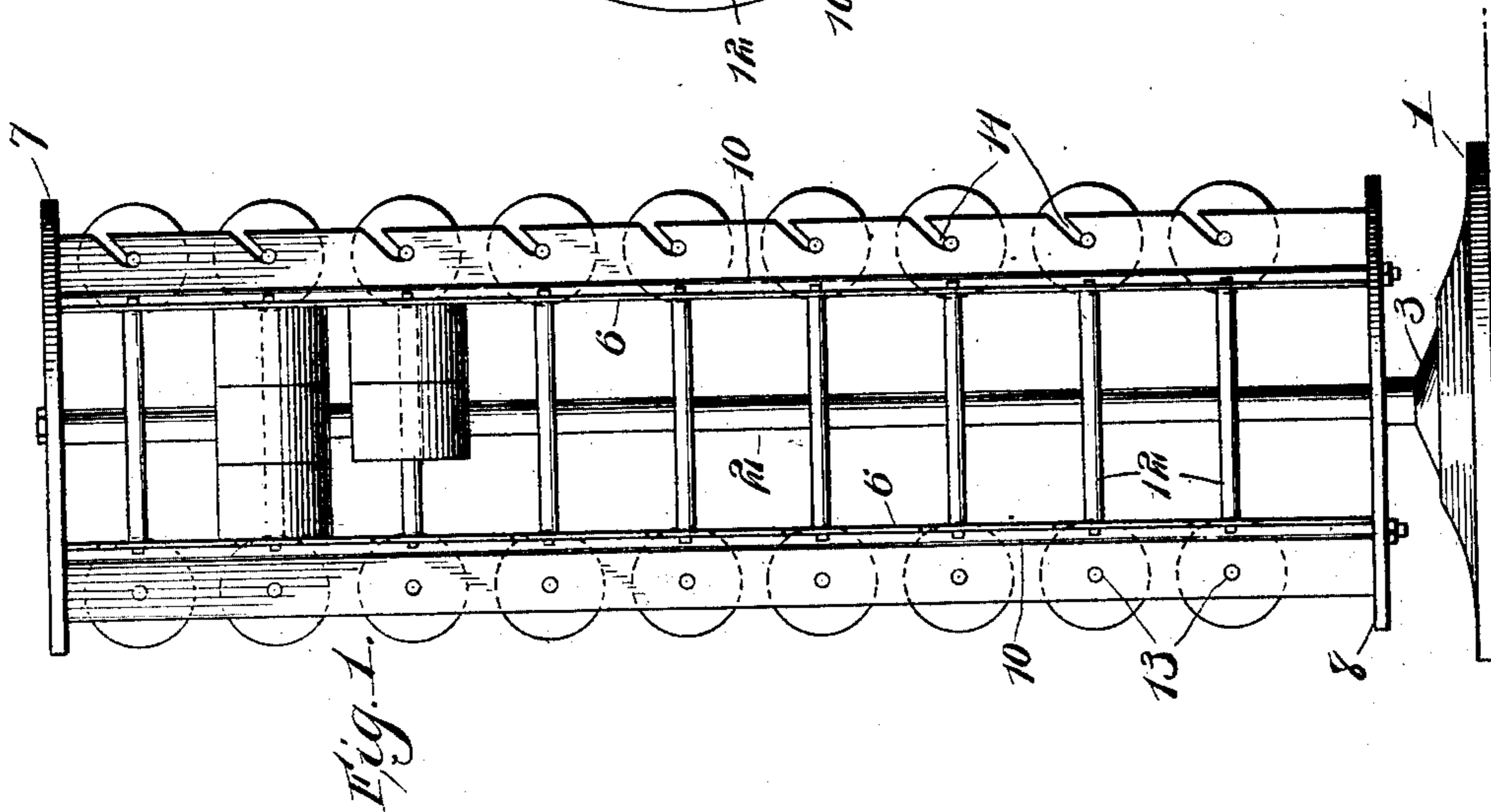
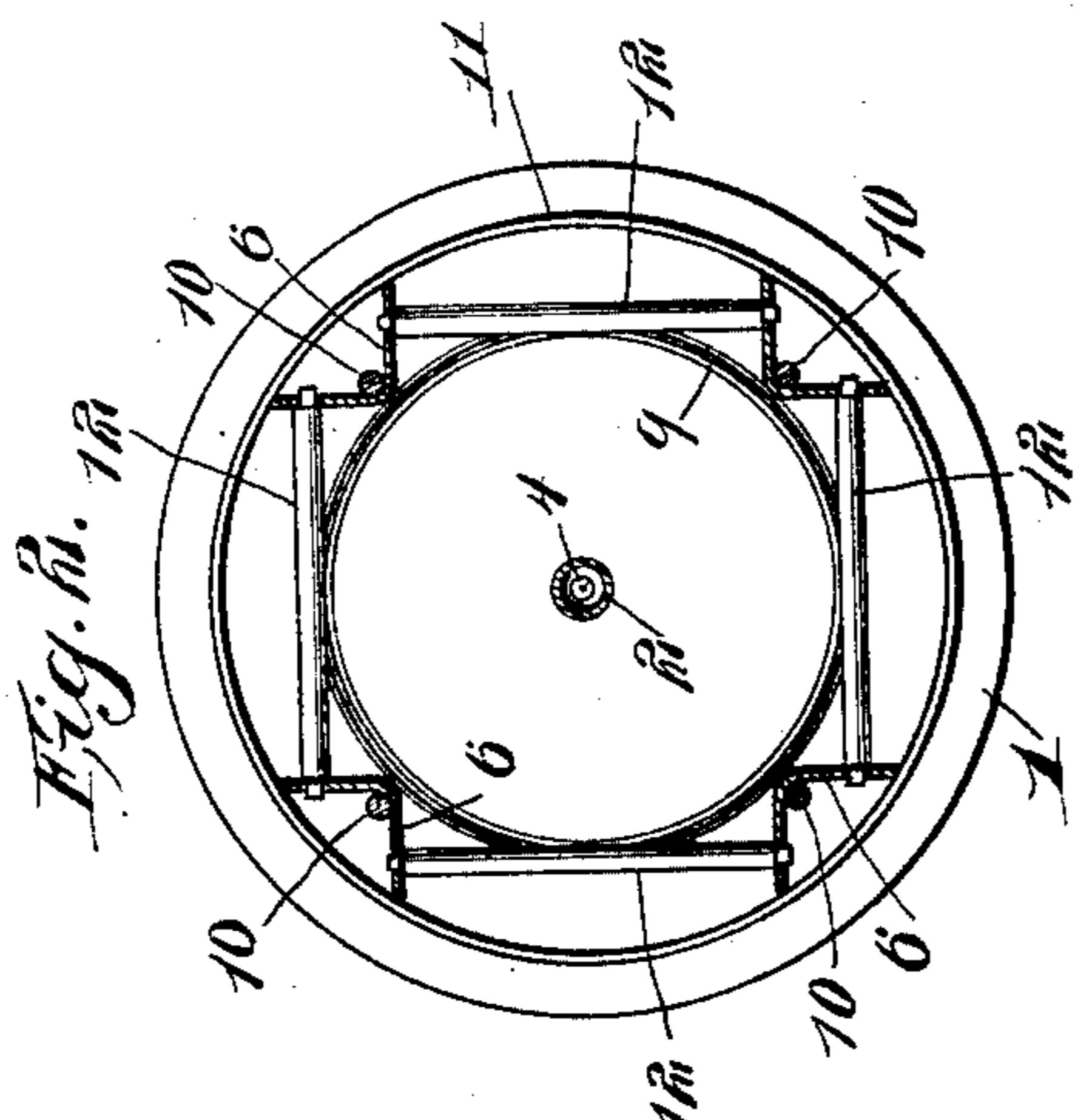
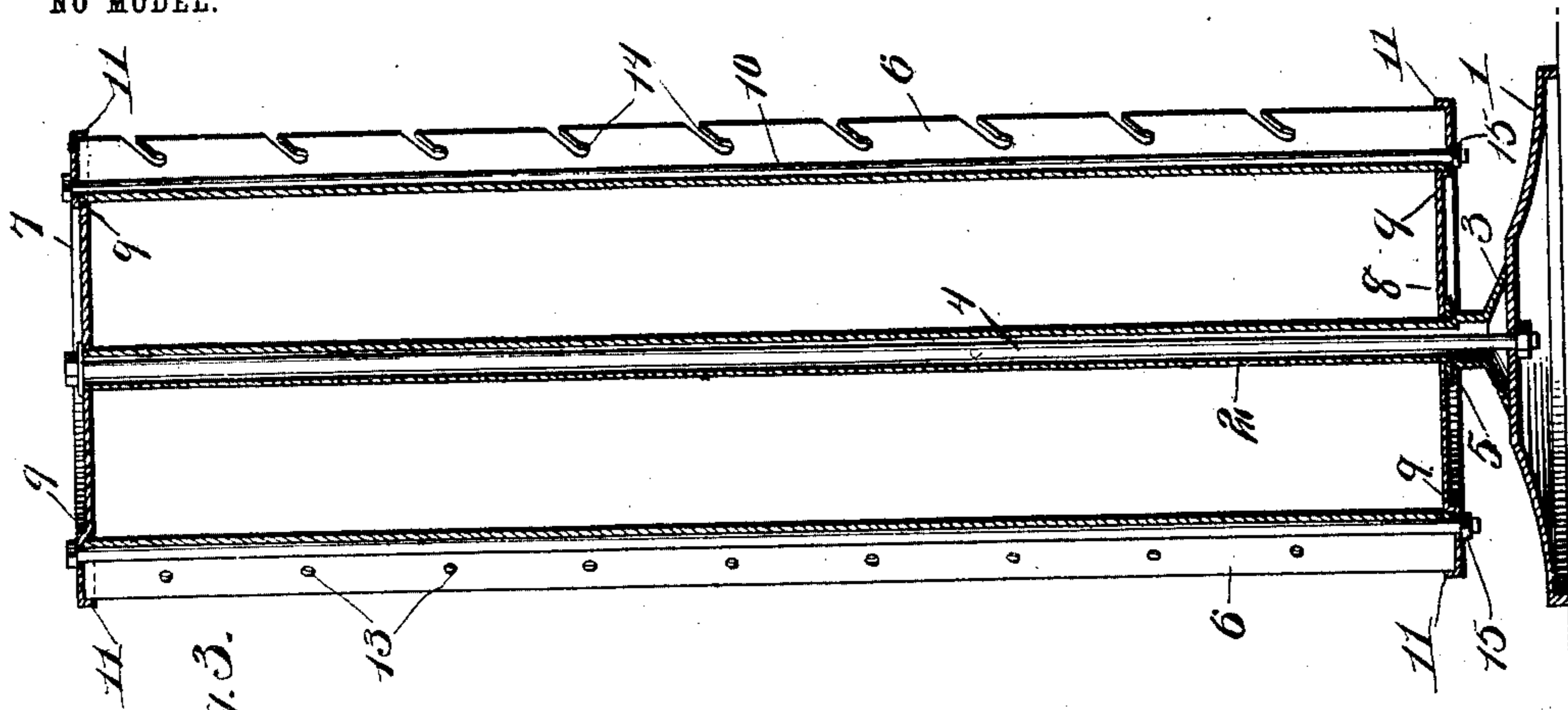


No. 756,462.

PATENTED APR. 5, 1904.

J. M. BOSTWICK.
DISPLAY RACK FOR RIBBONS, &c.
APPLICATION FILED JULY 29, 1903.

NO MODEL.



Witnesses
E. J. Stewart
B. J. Funk

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UNITED STATES PATENT OFFICE.

JOSEPH MORTON BOSTWICK, OF JANESVILLE, WISCONSIN.

DISPLAY-RACK FOR RIBBONS, &c.

SPECIFICATION forming part of Letters Patent No. 756,462, dated April 5, 1904.

Application filed July 29, 1903. Serial No. 167,460. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH MORTON BOSTWICK, a citizen of the United States, residing at Janesville, in the county of Rock and State of Wisconsin, have invented a new and useful Display-Rack for Ribbons, &c., of which the following is a specification.

This invention relates to display-racks; and one of the objects thereof is to provide a device of the class described which will permit a maximum quantity of material to be exhibited in a minimum space, as well as to provide for convenience in handling the exhibited articles and to retain them so that they will be easily accessible.

A further object is to construct the rack in such a manner that it will be strong, light, and durable.

Further objects and advantages of this invention, as well as the novel details of construction, will be specifically set forth in the following description, the novel features thereof being pointed out in the appended claims, it being understood that changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a view in elevation of the rack. Fig. 2 is a transverse sectional view, and Fig. 3 is a vertical longitudinal sectional view of the device.

The rack is illustrated as comprising a base 1, on which rests a vertical tubular standard 2, provided with a conical terminal 3, resting upon the base and secured thereto by a rod or shaft 4, one end of which projects through the base to receive a fastening device, so that the parts can be held together.

A rotating carrier is mounted upon the standard 2 and rests upon the shoulder 5, so that the carrier will be free to revolve. The carrier consists of a plurality of angle-bars 6, connected terminally by the end members 7 and 8, provided with stops 9 to prevent the inward movement of the bars, the end members being held in engagement with the terminals of the bars by tie-rods 10, disposed within the apex of the angle so that said rods will prevent the outward movement of the an-

gle-irons. Any tendency to a pivotal or swinging movement of the angle-irons will be prevented by a peripheral flange 11 on each end member, although the angle-bars will give slightly to permit the ends of the spindles 12 to be sprung into the seats 13 and 14 in the alternate wings of the angle-bars. It is also contemplated to provide the tie-rods with threaded ends for the reception of nuts 15, so that any play can be taken up and whereby the ends 7 and 8 will be held in frictional contact with the ends of the angle-bars 6.

The device is particularly designed for use in connection with ribbon, dress-braid, or similar material; but I reserve the right to apply it for any other purpose. When used with rolls of ribbon or for spools, the rolls will be sleeved upon the spindles, and they will then be sprung into the seats 13 and 14 in the angle-iron, so that the rolls will be free to revolve.

By constructing the device as above described the parts can easily be taken apart for shipping or for storing, and the rack can readily be set up with the aid of a wrench or similar tool.

I claim—

1. In a display-rack, a plurality of angle-bars, the blades of which are alternately provided with perforations and slots, end members connecting the bars, and rods terminally engaging the end members and resting in the angles of the bars.

2. In a display-rack, end members, intermediately-bent article-supporting bars interposed between the end members and abutting thereagainst, means for connecting the end members and bars, a peripheral flange on each end member, and a parallel stop spaced away from the flange, said flange and stop bearing against the article-supporting bars to prevent an independent movement thereof.

3. In a display-rack, a spindle and a rotating carrier on the spindle comprising a top and bottom disk, article-supporting angle-irons interposed between the disks and terminally abutting against opposite faces thereof, a flange on each disk for engagement with the edges of the angle-irons, a stop carried by each disk and bearing against the angle of the

iron, and rods connecting the disks and the angle-irons together.

4. In a display-rack, a plurality of angle-bars having article-supporting means, end members connecting the bars, and rods terminally engaging the end members and resting in the angles of the bars.

5. In a display-rack, a plurality of article-supporting bars, end members connecting the bars, an outer flange carried by each end member and bearing against the edges of the bars, and parallel stops on the end members spaced to receive the bars.

6. In a display-rack, end members, independently-bent article-supporting bars interposed between the end members and abutting thereagainst, a peripheral flange on each end member, and a parallel stop spaced away from the flange, said flange and stop bearing against

the article-supporting bars to prevent an independent movement thereof, and longitudinal rods connecting the end members and disposed in the bend of the bars to hold them in contact with the stop.

7. In a display-rack, end members, article-supporting bars terminally engaged by the end members, oppositely-disposed flanges on the respective end members, and bearing against the outer portions of the bars and stops on the end members providing seats for the bars.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSEPH MORTON BOSTWICK.

Witnesses:

JOHN CUNNINGHAM,
ROGER CUNNINGHAM.